

**THE NATIONAL CENTER FOR BIOTECHNOLOGY
INFORMATION AS AN INFORMATIVE RESOURCE
OF EVIDENCE-BASED MEDICINE**

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Introduction. A lot of researchers and young scientists in Ukraine are lacking the informative resources when they are performing their diploma or PhD projects.

Aim. The aim of our paper is to introduce The National Center for Biotechnology Information (NCBI) as informative resource for young scientists who are doing their projects in the area of evidence-based medicine and are keen to find some data to prove or disapprove the facts they has discovered.

Materials and methods. Data mining on the web.

Results and discussion. NCBI contains world's largest repository of medical and scientific abstracts, full-text articles, books and reports, as well as supporting resources for cataloging and indexing the materials on such medical topics as health, genomes, genes, proteins and chemicals.

The resources of NCBI include databases for use in clinical practice and medical research that contain information about human disease and pathology, including diagnostics and treatments. Any researcher can find genes associated with a condition, find variations with a clinical assertion for a condition, view genotype frequency for a gene or condition; catalogs and tools for bioactivity screening studies and a repository of chemical information, as well as a database of molecular pathways that provides links to relevant records in companion databases for participating compounds, proteins and genes.

To retrieve an article is very easy to do. The researcher should click on the desired record to display the abstract view. The researcher also can examine links to related articles, including reviews.

Conclusions. The National Center for Biotechnology Information is very powerful, advanced resource which provides access to biomedical and genomic information with very friendly and easy to use interface.